

Reference
to last
Measurement

8

beginning

beginning

Station - 32/28/1/12
M. A. R. 57 (Rule 116)
Measurement Book

Station - 014-16-00034p3085
Settled 30.12.12
No. B. 11/16/12 25.5.2016

564219

Imp. work to road drains at 10th Cross & other cross roads
at Mantunathahogara - W. N. 14.
Commencement of work on 28.10.12 at 10.3.16-12 till 7-11-2012

Full description, etc., of work	Dimensions				Contents	Reference to last Measurement
	Number	Length	Breadth	Depth		
2 M.A. Girth Girders	3	4	5	6	7	8
Settled and measured by means of leveling survey and horizontal taping & 2nd class level with 0.5m aneroid surface level & 2nd class level during the disposal of debris leaving recently after being of class C/1 Overall present record on 08.3.16/12 pms 564216/12 of class 5643					249.04	20706/-
2 New & settled during survey & class C/1 of present record on 10.3.16/12 of class M.A. No. 5643					80.50	5129/-

MEASUREMENT BOOK

Date	Full description, etc. of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
3	mineralogy of layers in position per 1/2 of area @ 180° with 40mm each 1/2 grid gets into over eight 2085 carbon again 20574 medium unit counts less in layer with sandy 15m thick well exposed in position ~~carbon~~ ~~with~~ ~~coal~~ all over beneath present record not pro 564217/1 floor MB				0.50 to 0.64 y	13-50 y	684531-
4	mineralogy of layers in position per 1/2 of area @ 220° with 20mm each 1/2 grid gets into over eight 2085 20844 is aggregate 20864 medium unit counts less in layer with hot sandy 15m thick well exposed in position ~~carbon~~ ~~with~~ ~~coal~~ beneath present record not pro 564217/1 floor MB				0.549 to 0.84 y	6-105	32959-

M. A. R. 57 (Rule 116)
Measurement Book

No. B

564220

reference
last
measurement
8

Name of Work From To
Name of Contractor of nature of Agency
Date of commencement of work

Full description, etc., of work 2	Dimensions				Contents 7	Reference to last Measurement 8
	Number 3	Length 4	Breadth 5	Depth 6		
5. masonry on top of masonry pier of tank m 1.2.4 new cent 0.240 m x 2.40 m x 2.40 m excl. ending gutters (work) 0.08 m x 0.08 m x 0.08 m can masonry under tank base in layer 2.40 m x 1.20 m x 0.24 m masonry on plate masonry wall of all work done quantity present masonry m 564217/2 of 100 m ³ . 0.5490.74 m					10.40 m	57103/-
6. Refuse Stone Slab of chert 2 piers in can 1.2.3 sleepers of masonry of square on base of masonry 0.1 m x 0.1 m x 0.1 m masonry					12.10 m	9579/-

MEASUREMENT BOOK

Date 1	Full description, etc., of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
7	muir's gaut slab 1/2 inch thick intending to lay 1/2 inch thick 7.50 w. 10.00 50.00 1.35 10.00 1.35 0.663 12.00	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100				67.50 13.50 81.00	537124
8	muir's gaut slab 1/2 inch thick intending to lay 1/2 inch thick 7.50 w. 10.00 50.00 1.35 10.00 1.35 0.663 12.00	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100				60.00 60.00 60.00 180.00	171000

E.E. (D.D.)

No. B

564221

Period of Work From To

Name of Contractor of nature of Agency

Date of commencement of work

Full description, etc., of work 2	Dimensions				Contents 7	Reference to last Measurement 8
	Number 3	Length 4	Breadth 5	Depth 6		
Supply of fuel for last winter & consults for 1000 liter filling cost of receipt as per damp & heavy weather cost transport here less 7 assembly and 25000 for fuel to get along 2000 each 2000 each 10th May each day 1000		50 W	0.90	—	4500	
		50 W	0.90	—	4500	
		50 W	0.90	—	4500	
		50 W	0.90	—	4500	
		50 W	0.90	—	4500	
		50 W	0.90	—	4500	
		50 W	0.90	—	4500	
		50 W	0.90	—	4500	
		60 W	0.90	—	5400	
			0.30	1/2	36900	

E.E. (D.D)

MEASUREMENT BOOK

Date	Full description, etc. of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
10	For spreading 2 wheelers concrete of granular base - back by manually Coarse graded crushed stone against 1/2 sand water spreading in center layer with thick spreader on prepared surface - using a lump in place wheelers not otherwise shown by Capable with wheel rollers and the clean chunks. Grub off sand over the road & each day pro 562481 of the MB.					74.00	88800
11	manually by spreading of Capable grade stone against back and wheelers spreading in the middle of the road with rollers some in the center with flat back of wheelers of 1/2 sand & 1/2 layers in center layer not prepared by - 1/2 sand & 1/2 gravel in center prepared surface of Capable with wheelers roller spreading						

No. B

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Date of commencement of work

Full description, etc., of work 2	Dimensions				Contents 7	Reference to last Measurement 8
	Number 3	Length 4	Breadth 5	Depth 6		
to deliver Green Copper Green Monthly present receive 100 lbs 100 lbs			56 42 18 1/2 @ 1300 w/ly		148 w/ly	192400
2. Breeding & applying primer coat of granular base such as W.B.M. in areas of the road to 0.60 by 1/4 in both City maintenance			30 w	71 47 7 1/2	213 w	
			30 w	71 47 6 8/8	210 w	
			30 w	68 50 6 8/8	205 1/2	
			30 w	68 50	204 w	

MEASUREMENT BOOK

Date 1	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
		1	30 w	8.10 ± 6.65 $\frac{2}{2}$	-	219.8 ✓	
		1	30 w	6.65 ± 7.10 $\frac{2}{2}$	-	204.25 ✓	
		1	30 w	7.10 ± 7.15 $\frac{2}{2}$	-	212.25 ✓	
		1	30 w	7.15 ± 7.80 $\frac{2}{2}$	-	224.3 ✓	
		1	30 w	7.80 ± 6.70 $\frac{2}{2}$	-	217.00 ✓	
		1	30 w	6.70 ± 4.80 $\frac{2}{2}$	-	174.0 ✓	
		1	20 w	4.80 ± 6.10 $\frac{2}{2}$	-	63.50 ✓	
		1	30 w	6 w	-	180 w ✓	
		1	10 w	6 w	-	66 w ✓	
				© 32-49 key		1742 w ✓	56400

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Work From To

564223

Contractor of nature of Agency

Commencement of work

Full description, etc., of work 2	Dimensions				Contents 7	Reference to last Measurement 8
	Number 3	Length 4	Breadth 5	Depth 6		
Along the creek bed, before gate with iron. Soft ground is full of debris old gravel bars not compacted and is very loose. Between trees is ~~much~~ loose under laboring of heavily charred stone (12)			0.3-24/64		1742-26	56441
Much & apply later coat into present block before safety at 575 per 100 yds heads under between is full of debris here spray bed (Scales clay 1 m 3 ft) in soft full under the iron stone (12)			0.15-12/64		1742-26	26339

MEASUREMENT BOOK

Date 1	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
15	muddy car tyres broken molecules in preparation Coarse eggshells as per debris were found in boxes / barrels milling loading I eggshells as per PE boiler hot water of steam eggshells and broken in hot water plant bottom greatly transparent, turning unbroken is higher to power egg bags, debris, molecules hot power power to be island debris 50/700 capacity clear was 3.30 debris but Snelly the cost of power stay	1 1 1 1 1 1 1 1 1 1 10-w	60-w 60-w 60-w 60-w 60-w 60-w 60-w 60-w 10-w	2-w 2-w 2-w 2-w 2-w 2-w 2-w 2-w 2-w	0.05 0.08 0.05 0.05 0.05 0.08 0.08 0.08 0.08	6-w 6-w 6-w 6-w 6-w 6-w 6-w 6-w 1-w	203500

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564224

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to last
measurement

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From..... To.....

Contractor of nature of Agency

Commencement of work

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Full description, etc, of work

Dimensions

Contents

Reference
to last
Measurement

2

Number
3

Length
4

Breadth
5

Depth
6

7

8

Specimens are being broken down not being placed in any one present of
specimen & greatly preserved with broken back of 6th the fragments the last was the
whiteish layers are pure from the second grade & level & selected many new
smaller material which are broken down to other the clean & quality as per work
Specimen Class in 50-50 split in all 800 gms

30 in

7.10 ± 7.10

0.045

9.58

30 in

7.10 ± 6.90

0.045

9.45

30 in

6.90 ± 6.80

0.045

9.22

30 in

6.80

0.045

9.18

30 in

8.10 ± 6.45

0.045

9.82

30 in

6.65 ± 7.10

0.045

9.21

24.14.17

MEASUREMENT BOOK

Date 1	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
		1	20-w	$7.11 + 7.11$	0.045	9.55	
		1	20-w	$7.15 + 7.80$	0.045	10.09	
		1	30-w	$7.80 + 7.70$	0.045	9.26	
		1	30-w	$6.70 + 6.50$	0.045	7.83	
		1	30-w	$4.80 + 6.10$	0.042	7.35	
		1	30-w	6-w	0.045	8.10	
		1	30-w	6-w	0.045	~~8.10~~	
		1	25-w	6-w	0.045	6.75	
						124.040	
				Let k	123.750		
					0.8400/4		
12	Disposal of debris, to be placed in place of debris not used on top						1035.950 1039.500

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M. A. R. 57 (Rule 116)

Measurement Book

Audited and admitted for Rs. 2532249=0

From 2341631=0

To

No. B

564225

Contractor of nature of Agency

Commencement of work

190618=0

Full description, etc, of work

2

Dimensions

Number

Length

Breadth

Depth

Contents

Exe. Engineer

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eq 6th & 7th of concrete
at no 13200

then Elev
and Grd

84.50/4

252 wds 2/294/

Certificate

- (1) Work done is satisfactory
- (2) There are no departmental objections to the work
- (3) Contractor has cleared all debris from the work site

S. L. M
by

24/4/2012

55950
39500

MASSACHUSETTS

COMMONWEALTH

DEPARTMENT OF TRANSPORTATION